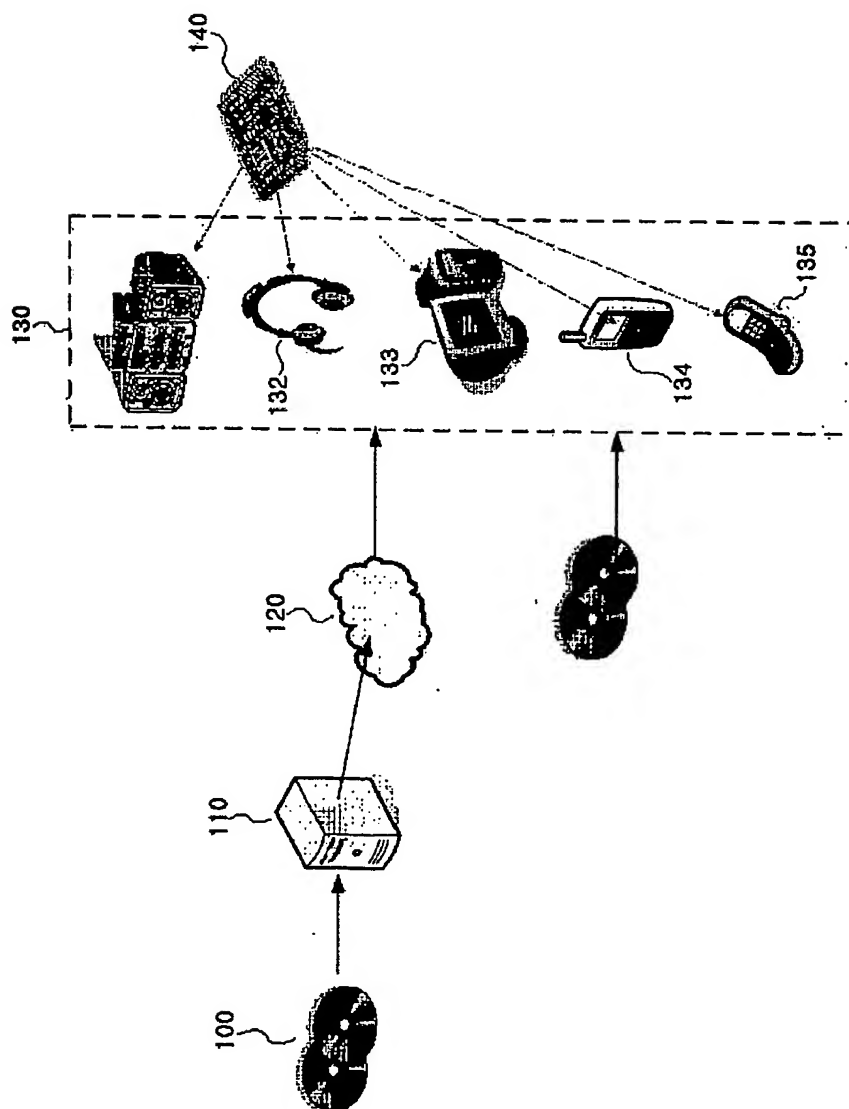


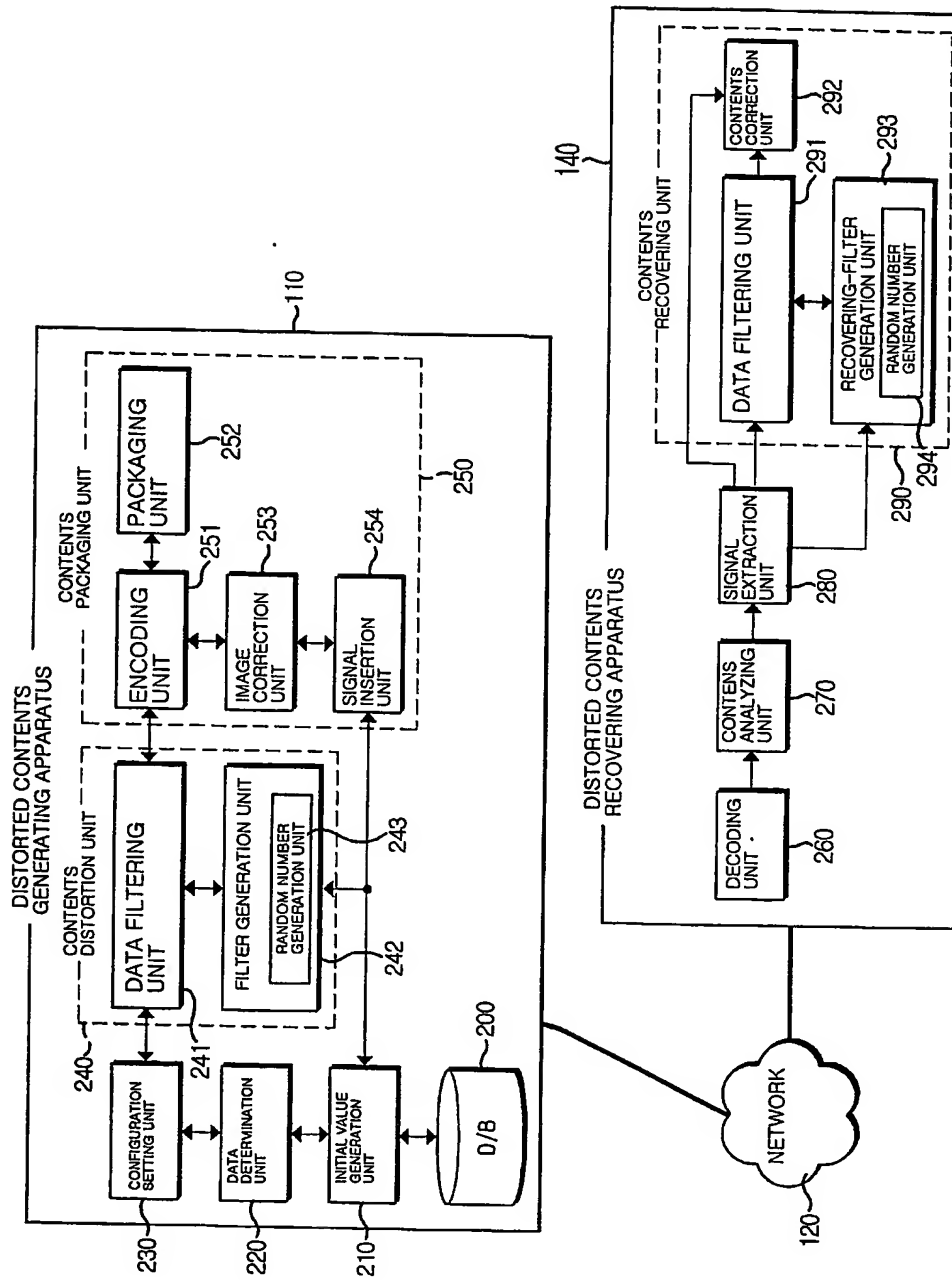
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Fig. 1



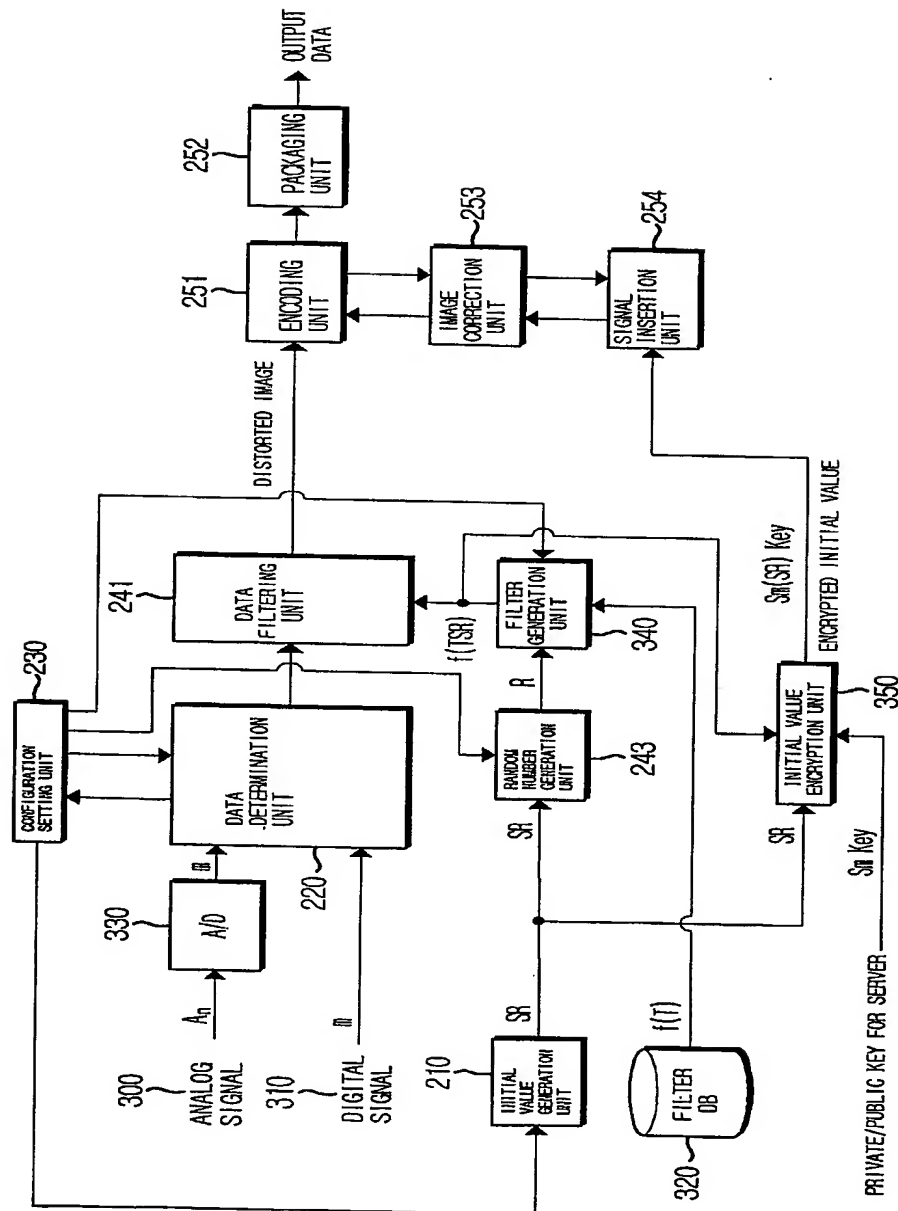
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Fig. 2



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Fig. 3



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Fig. 4

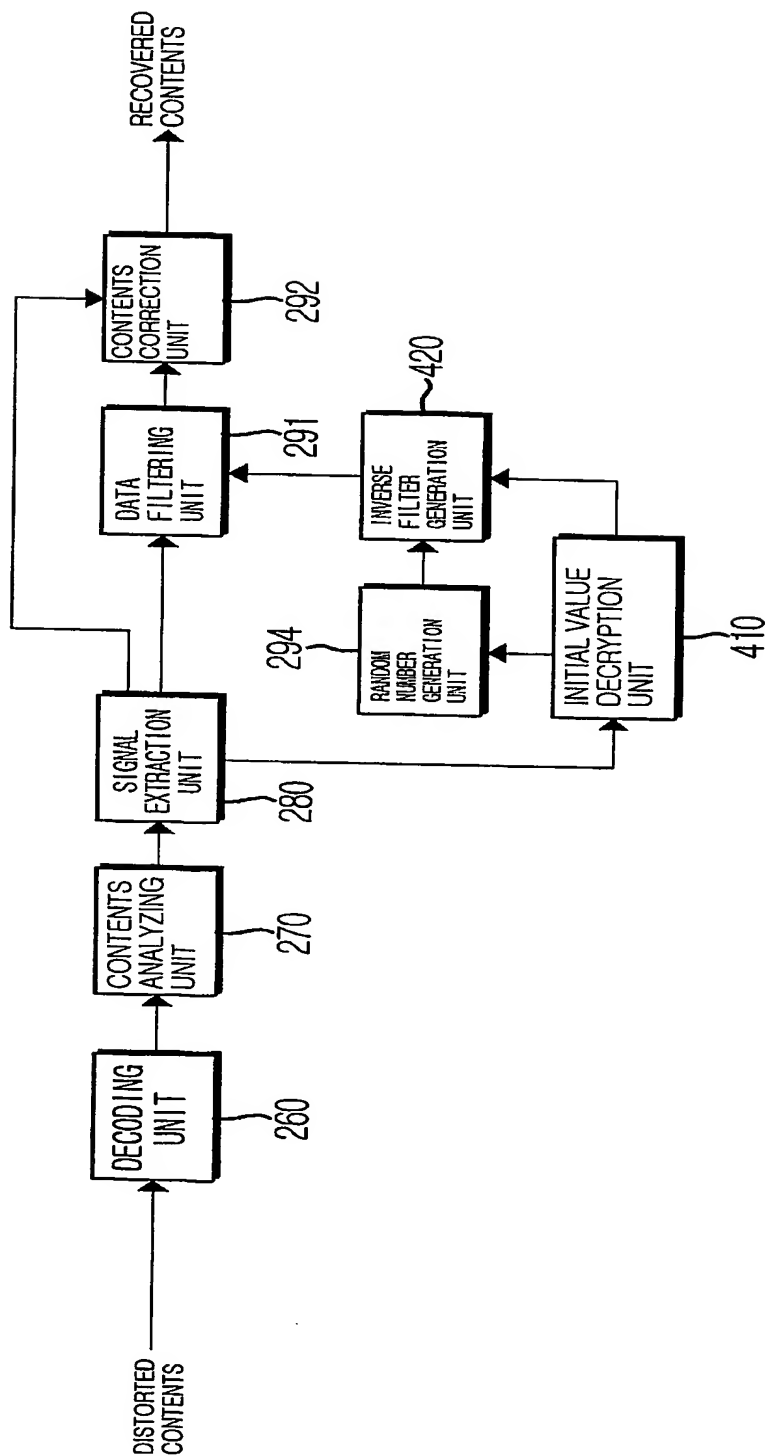
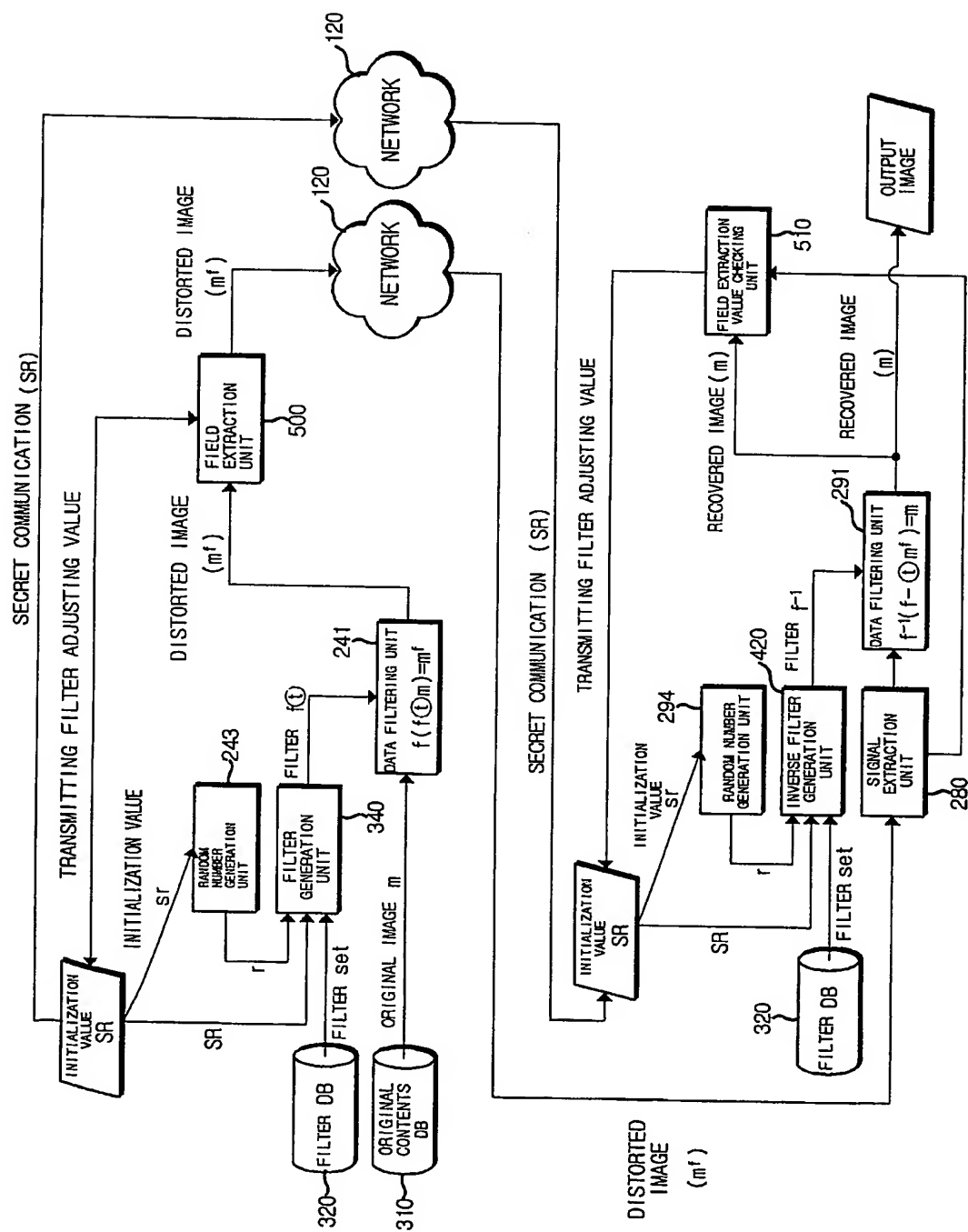
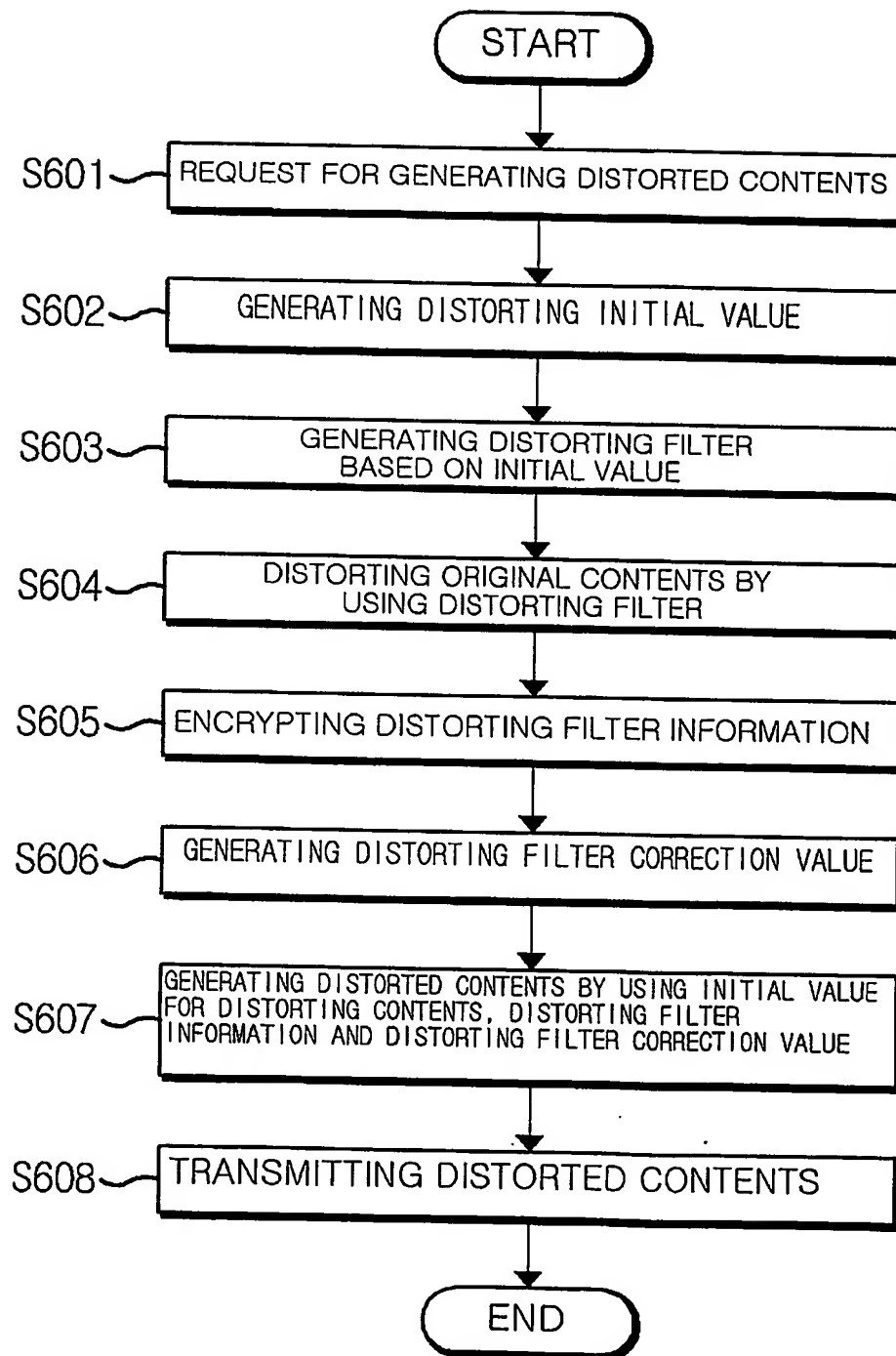


Fig. 5



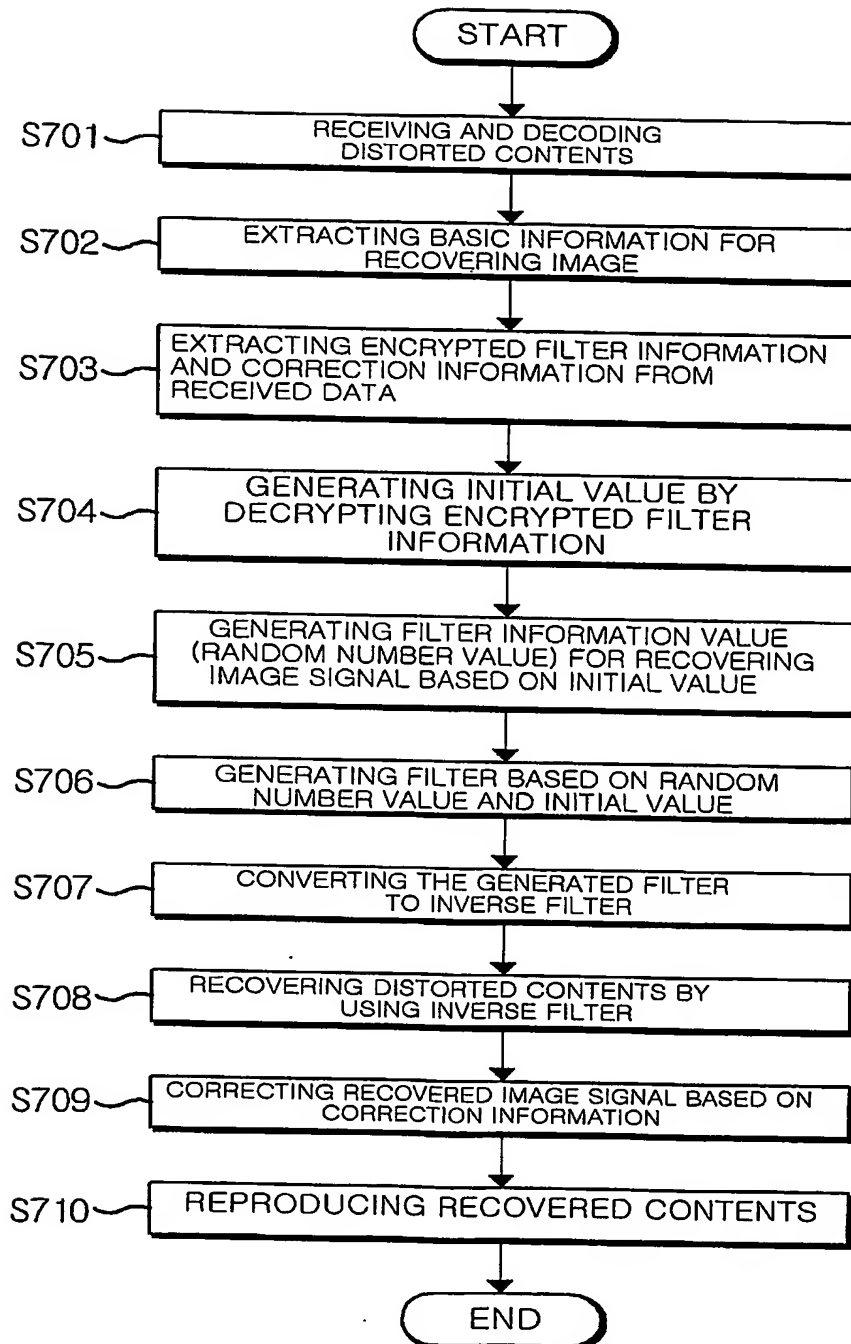
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Fig. 6



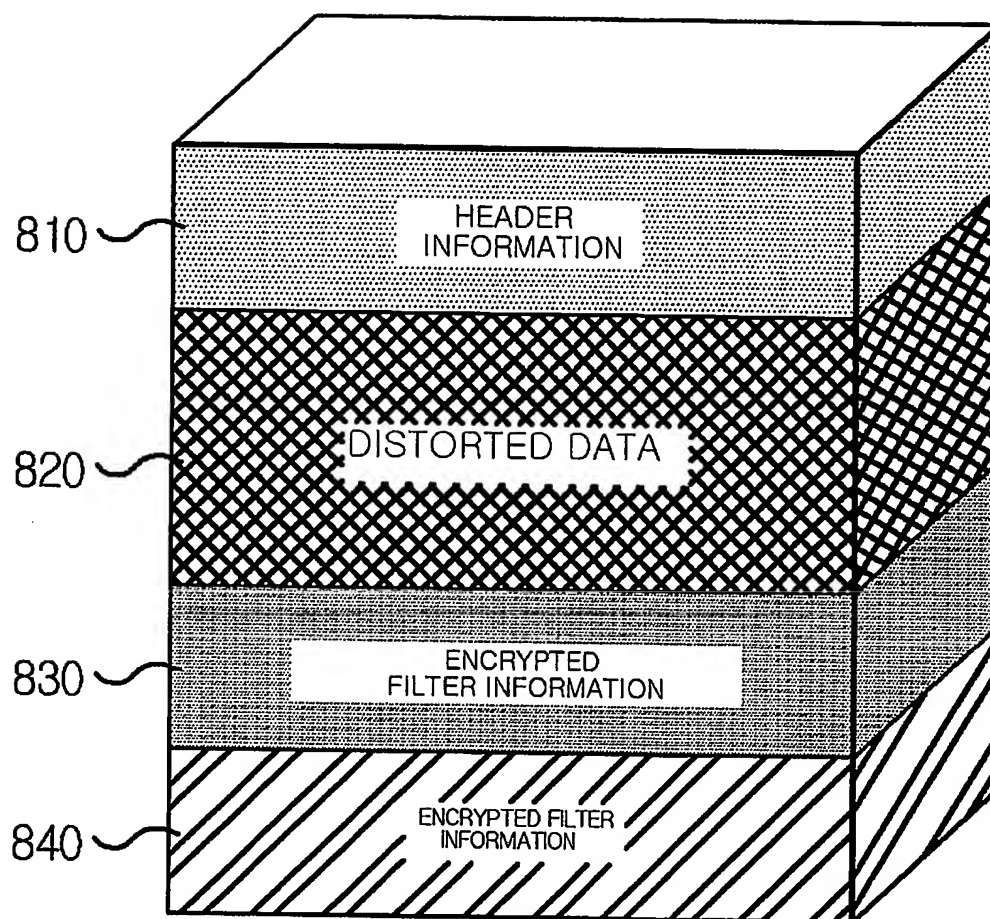
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Fig. 7



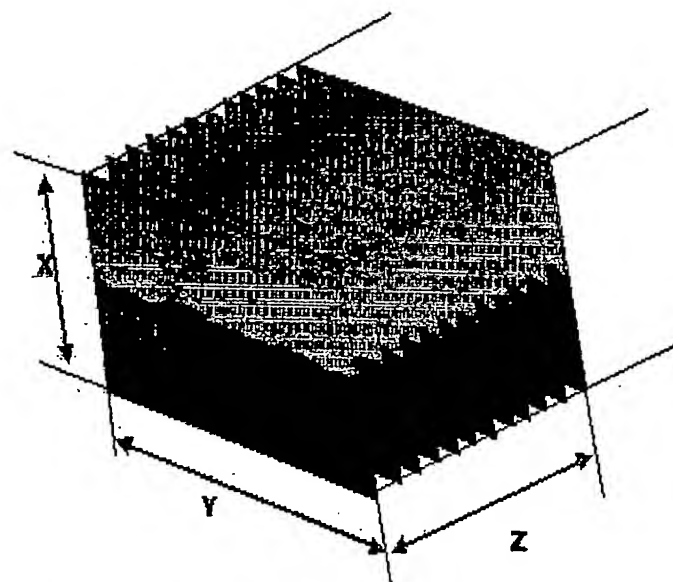
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Fig. 8

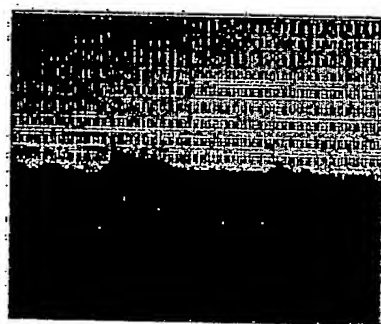


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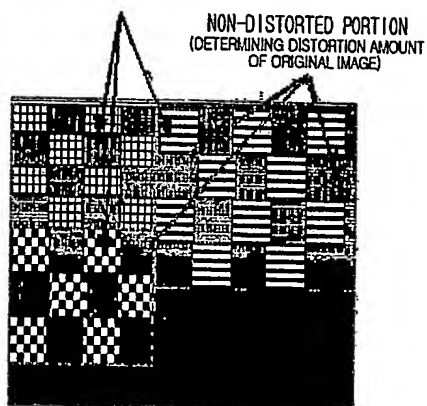
Fig. 9


 $X \cdot Y = T$ SIZE OF IMAGE (DETERMINING FILTER SIZE)

 $Z =$ IMAGE AMOUNT (DETERMINING DISTORTING RANGE)

 TYPES OF DISTORTING FILTERS (TYPES OF FILTER OPERATIONS)
AND COMBINATION


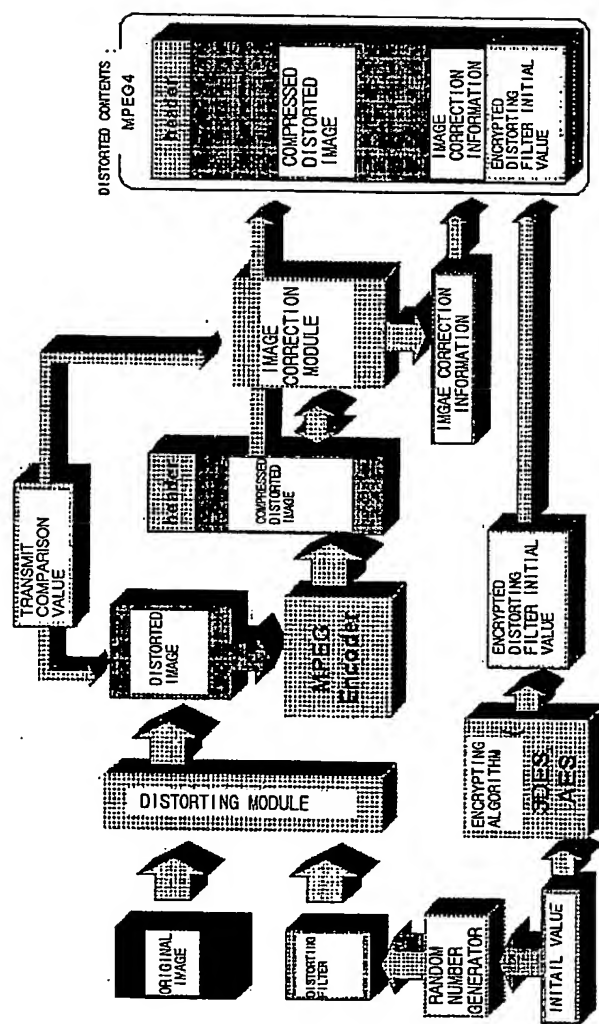
ORIGINAL IMAGE



DISTORTED IMAGE

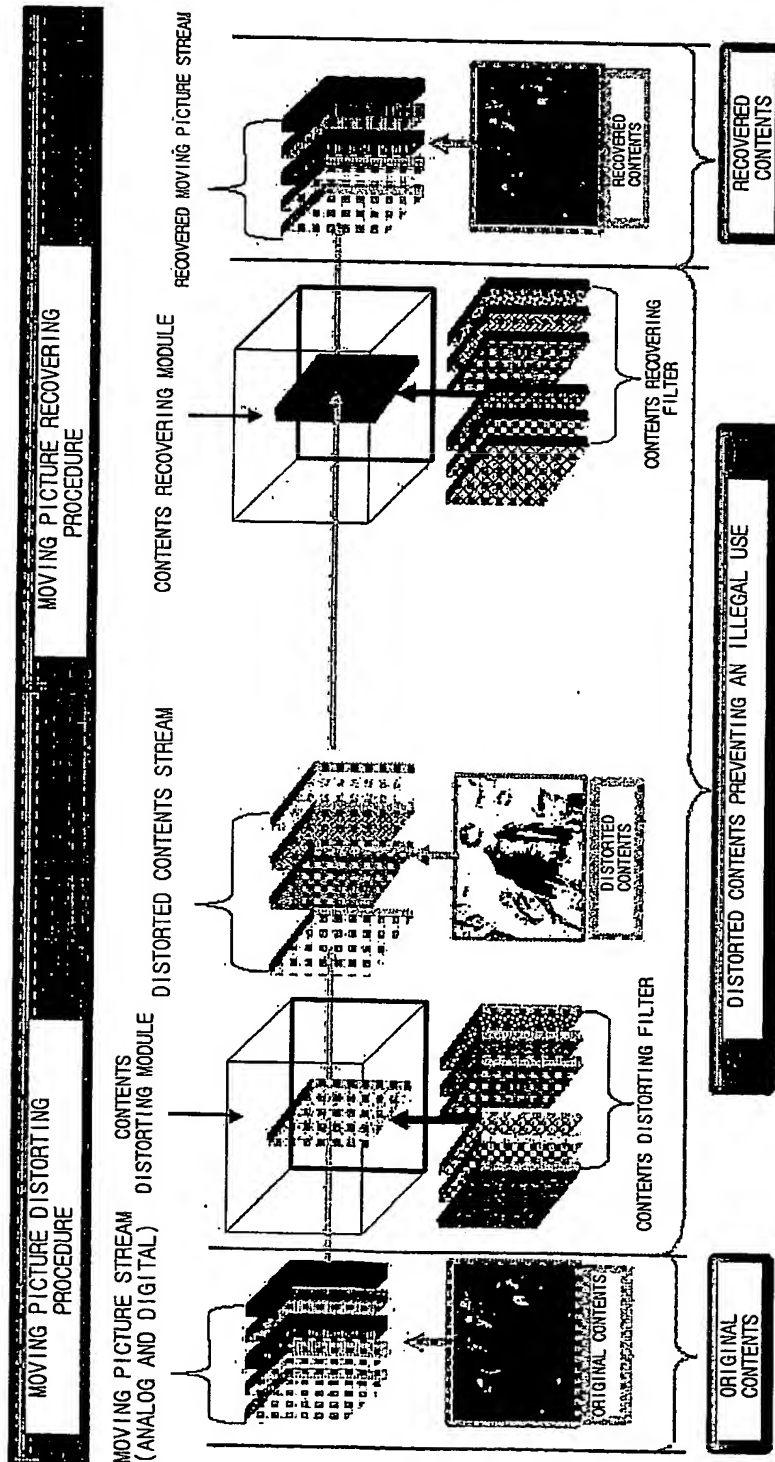
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Fig. 10



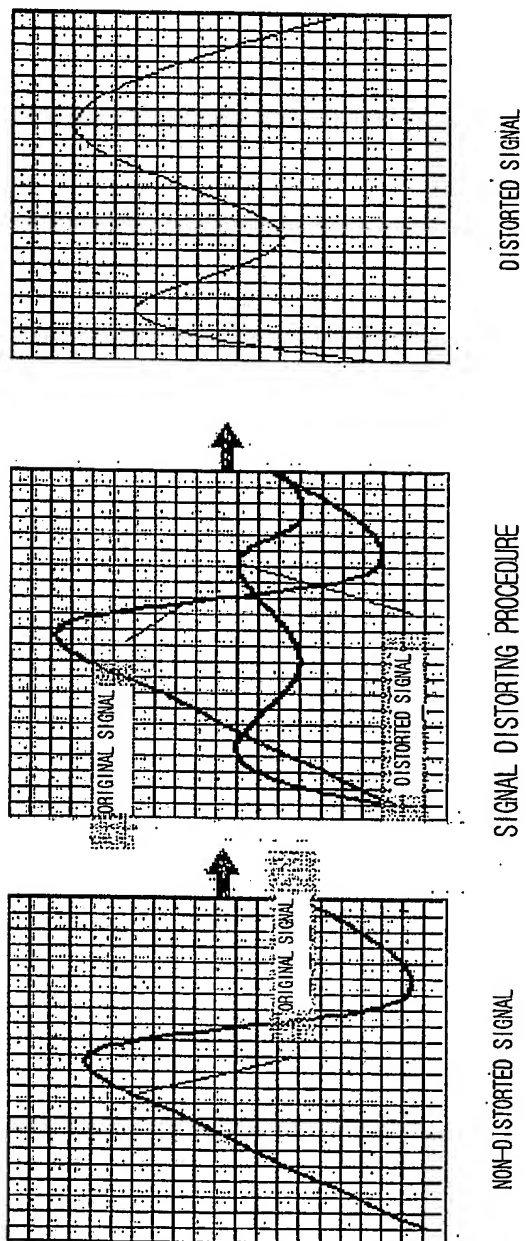
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Fig. 11



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Fig. 12



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Fig. 13

